0006250 020249.60

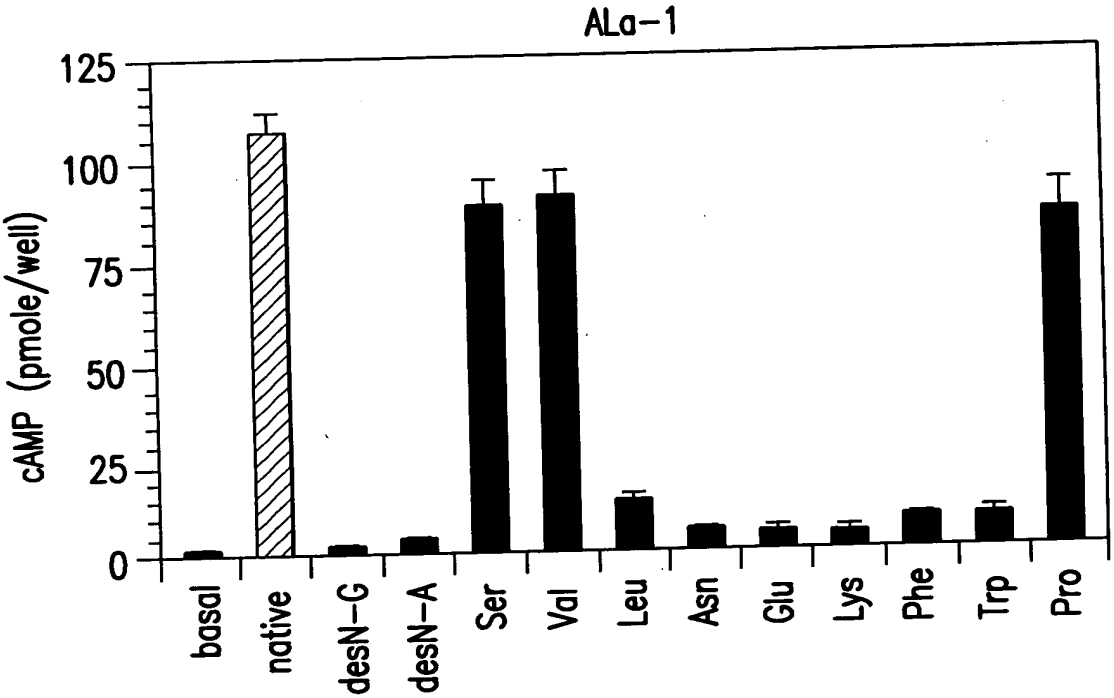


FIG.1A

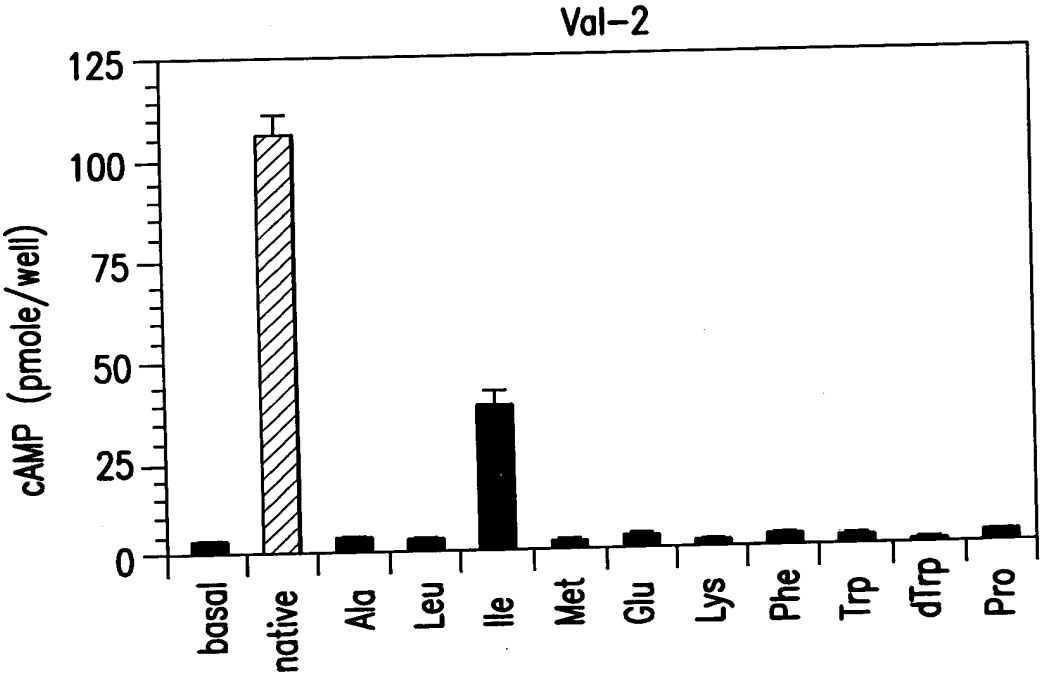


FIG.1B

0062260 020296D

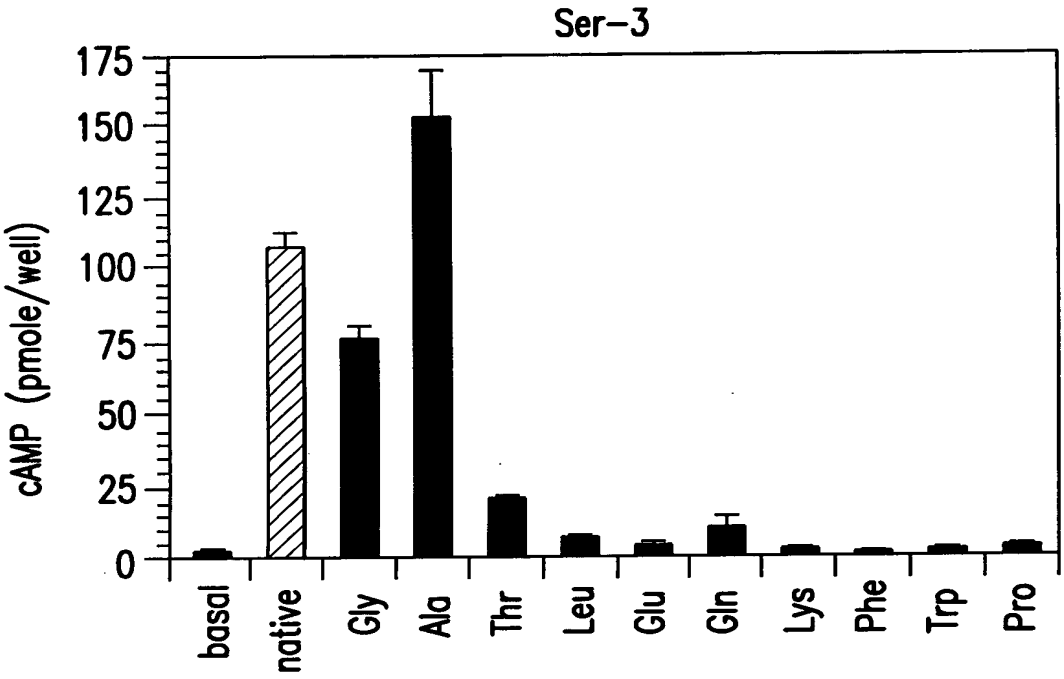


FIG.1C

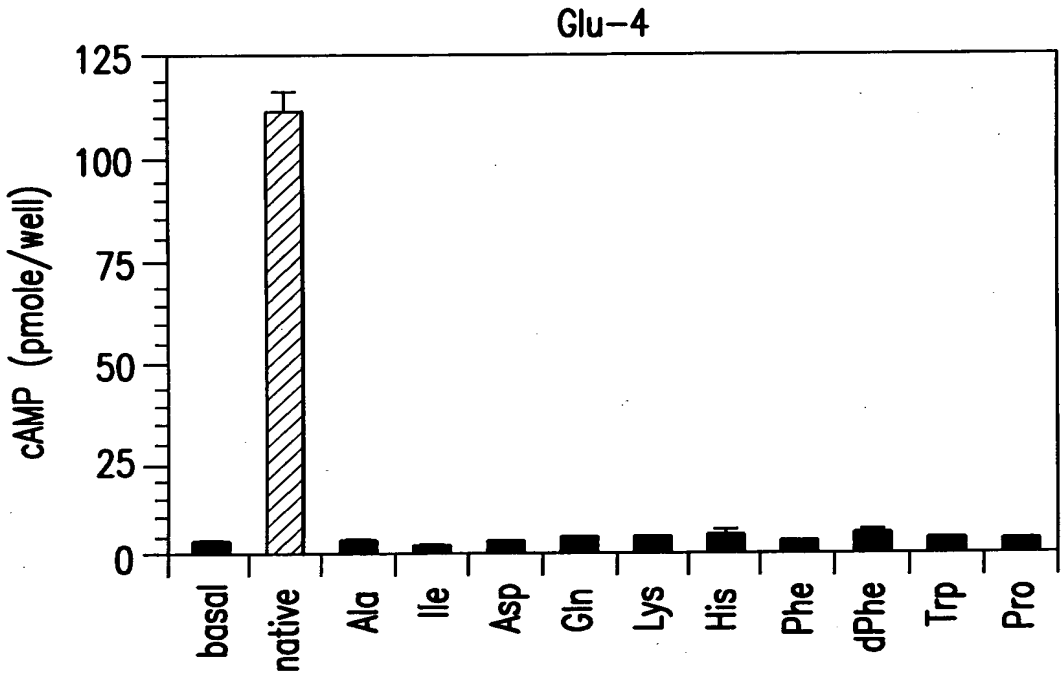


FIG.1D

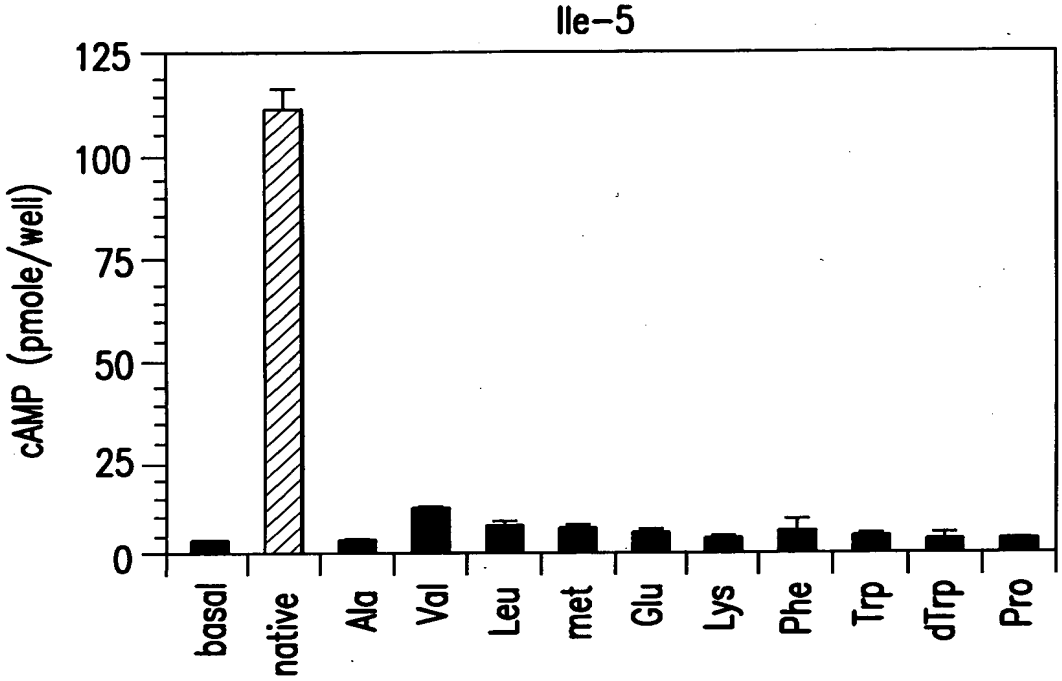

Ile-5
cAMP (pmole/well)
125
100
75
50
25
0
basal
native
Ala
Val
Leu
met
Glu
Lys
Phe
Trp
dTrp
Pro

FIG.1E

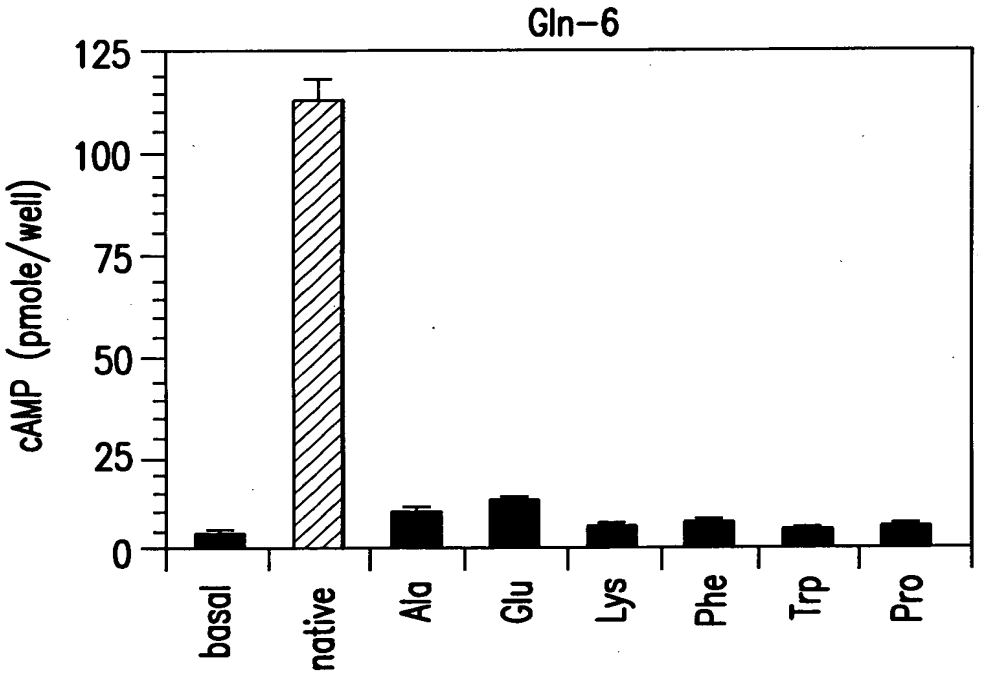

Gln-6
cAMP (pmole/well)
125
100
75
50
25
0
basal
native
Ala
Glu
Lys
Phe
Trp
Pro

FIG.1F

006260 "020296

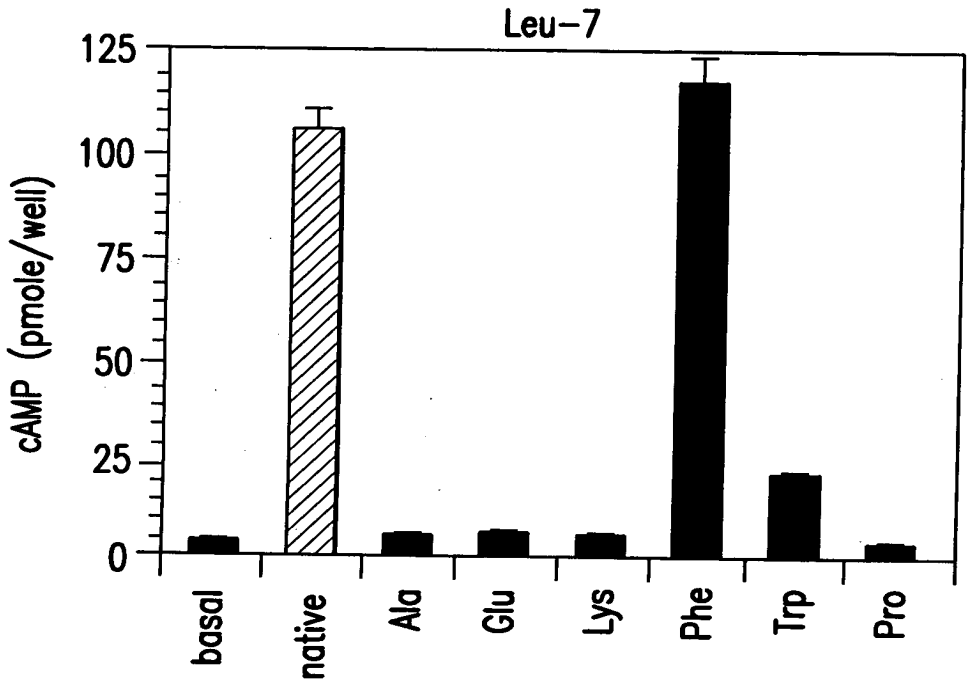


FIG.1G

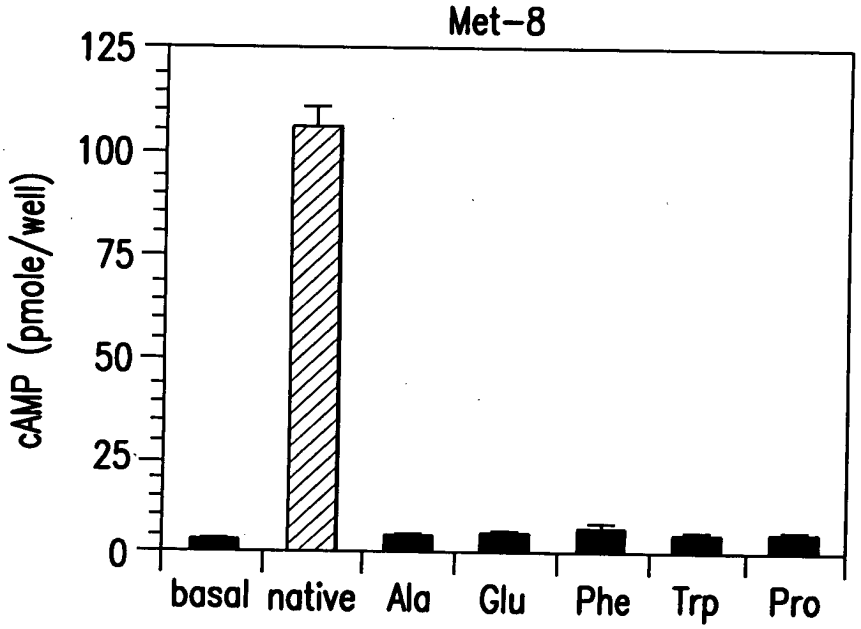


FIG.1H

0062260 "020247960

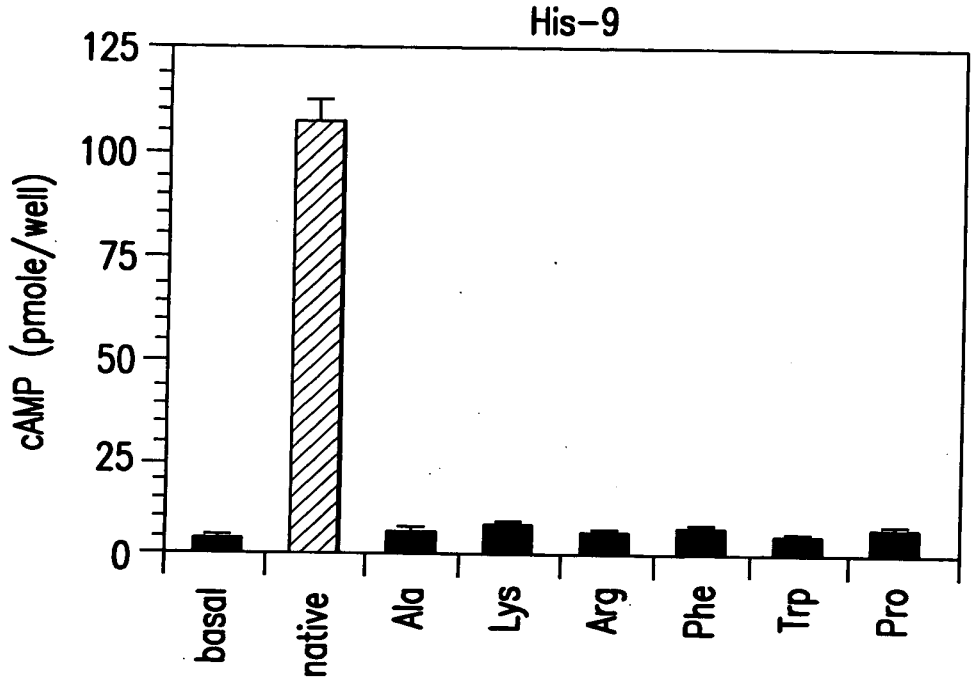


FIG.1I

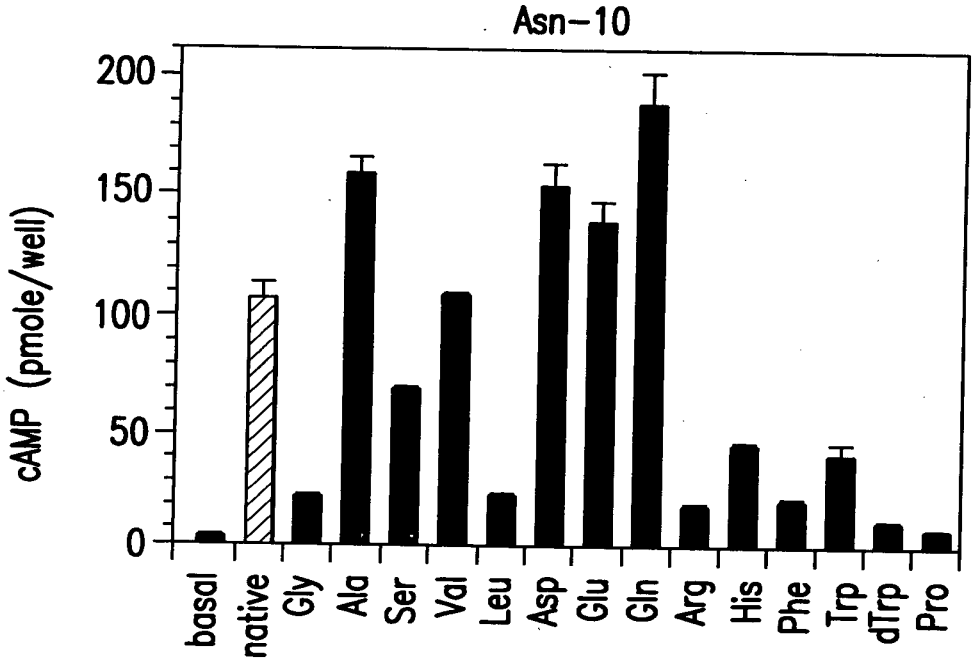


FIG.1J

00525001 020249 50

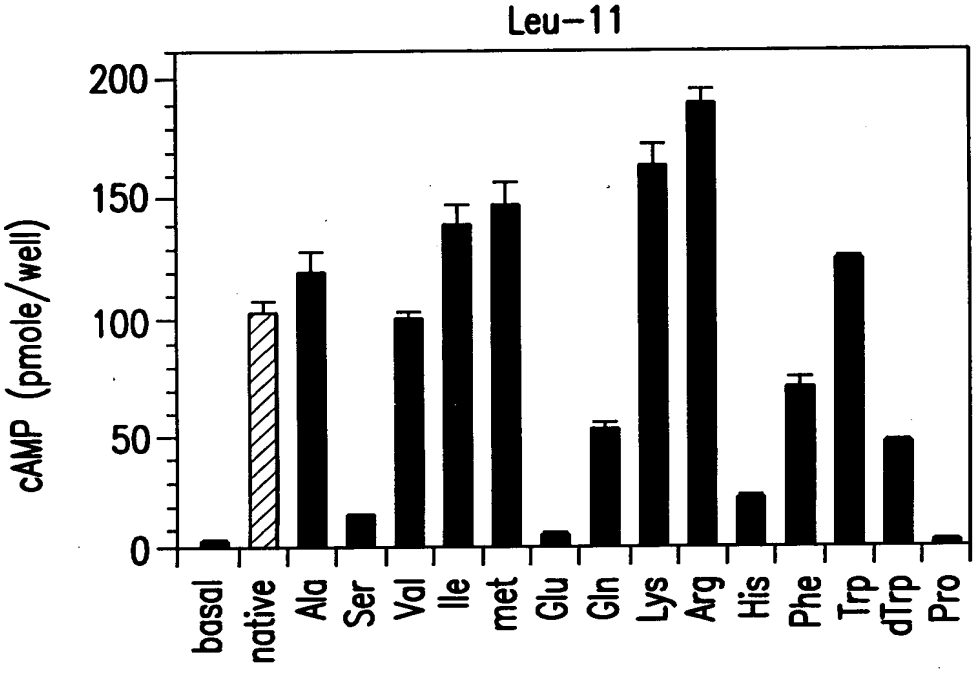


FIG.1K

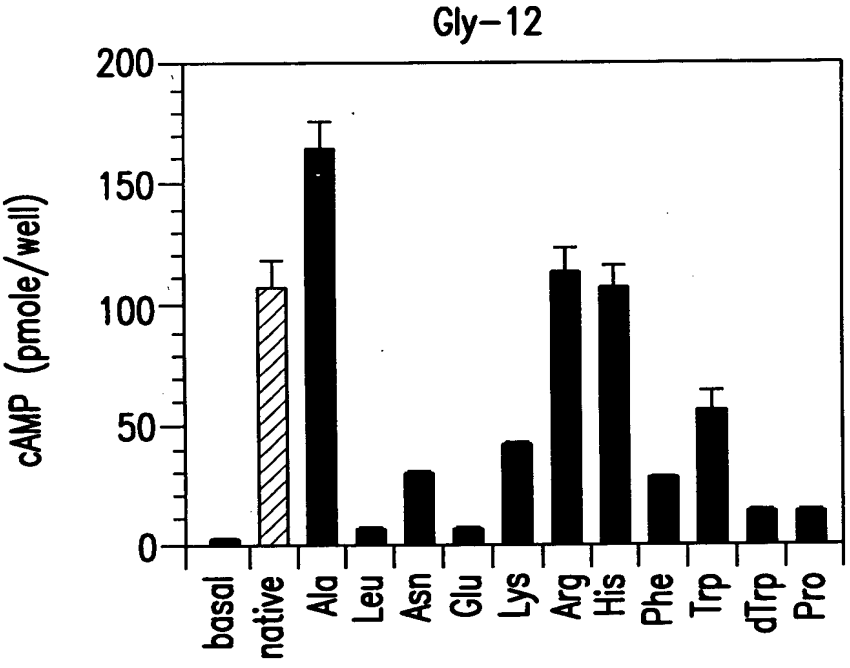


FIG.1L

0056260 "020249"

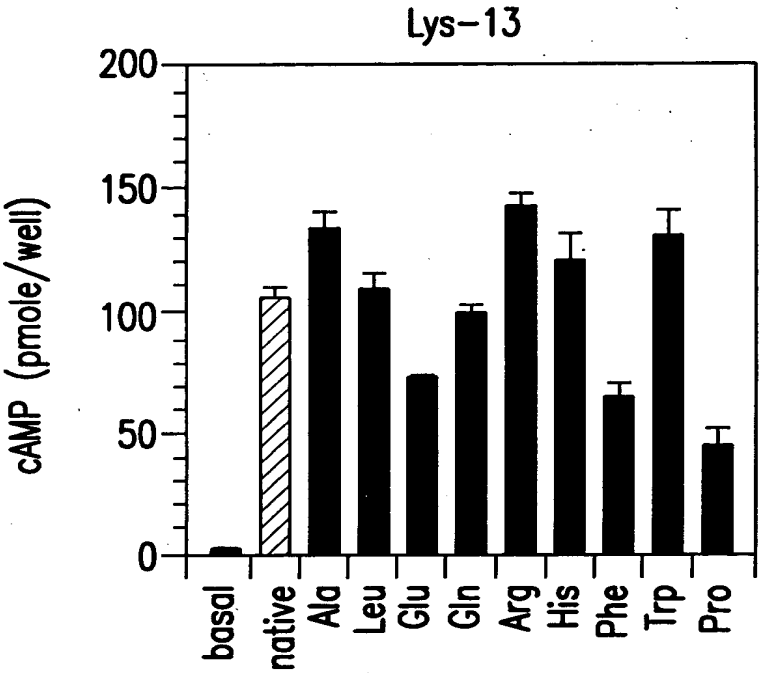


FIG.1M

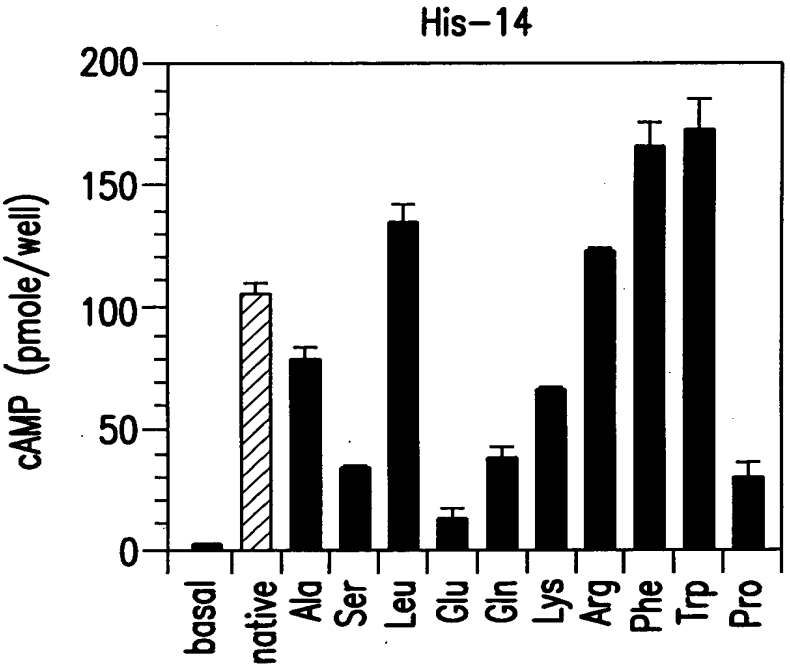


FIG.1N

0026.0202750

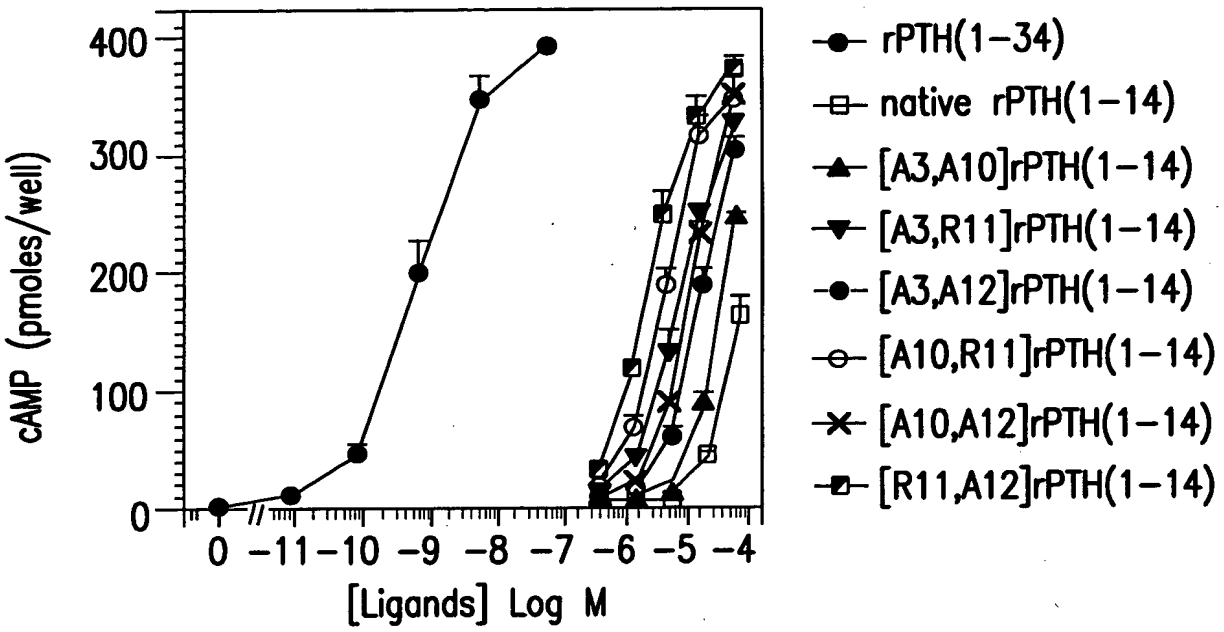


FIG.2A

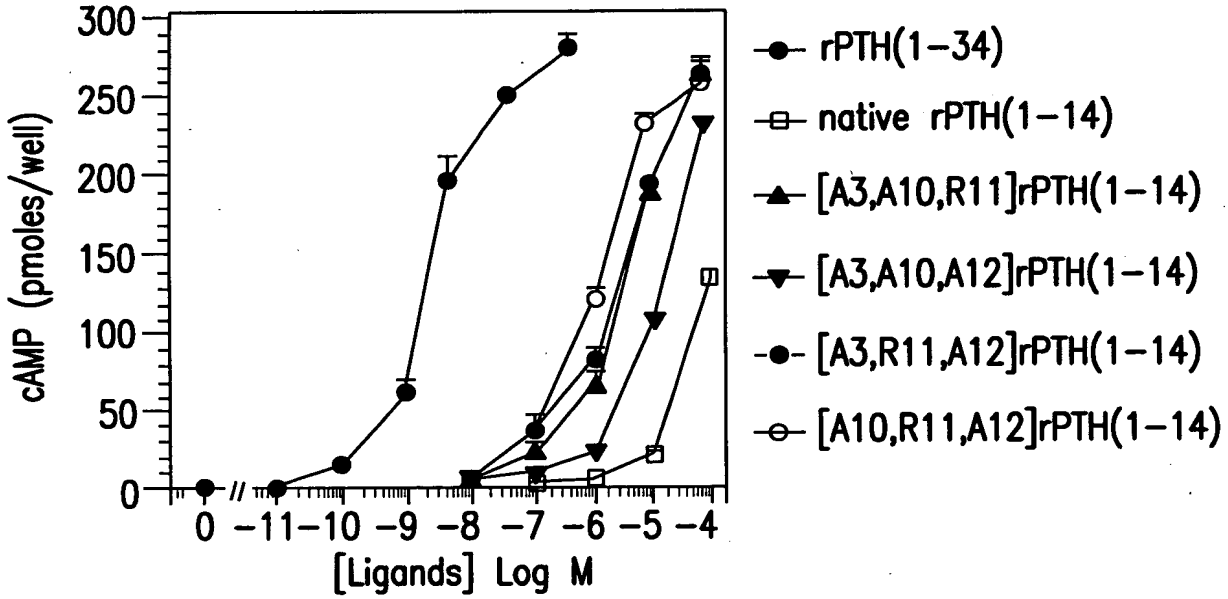


FIG.2B

006260 "020796

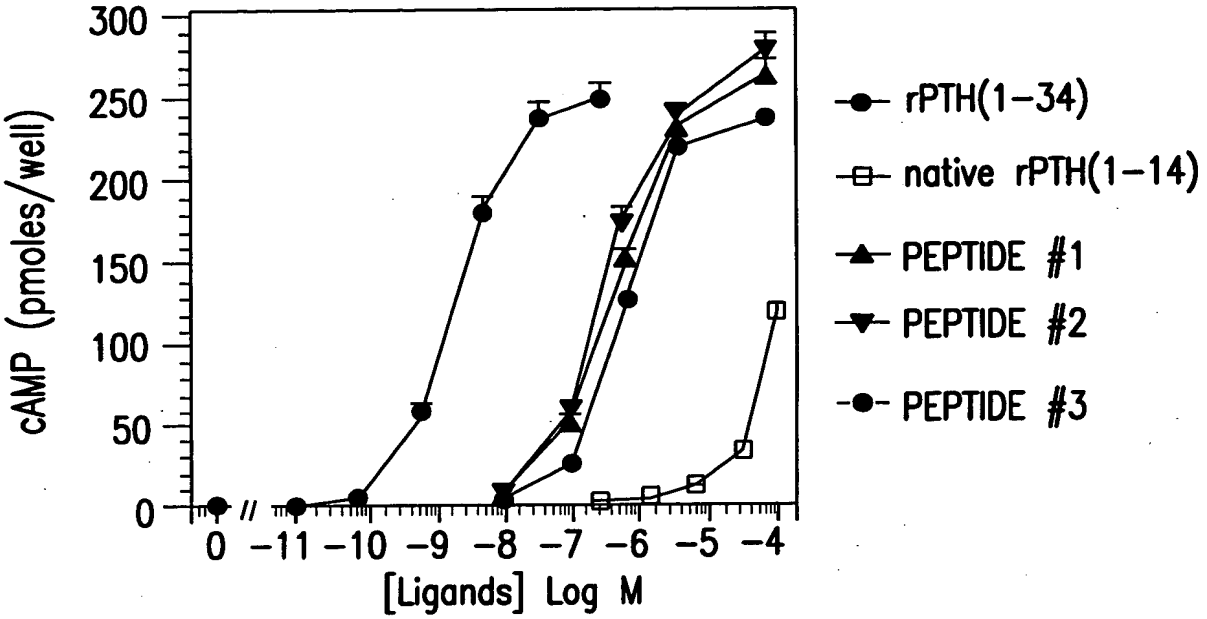


FIG.2C

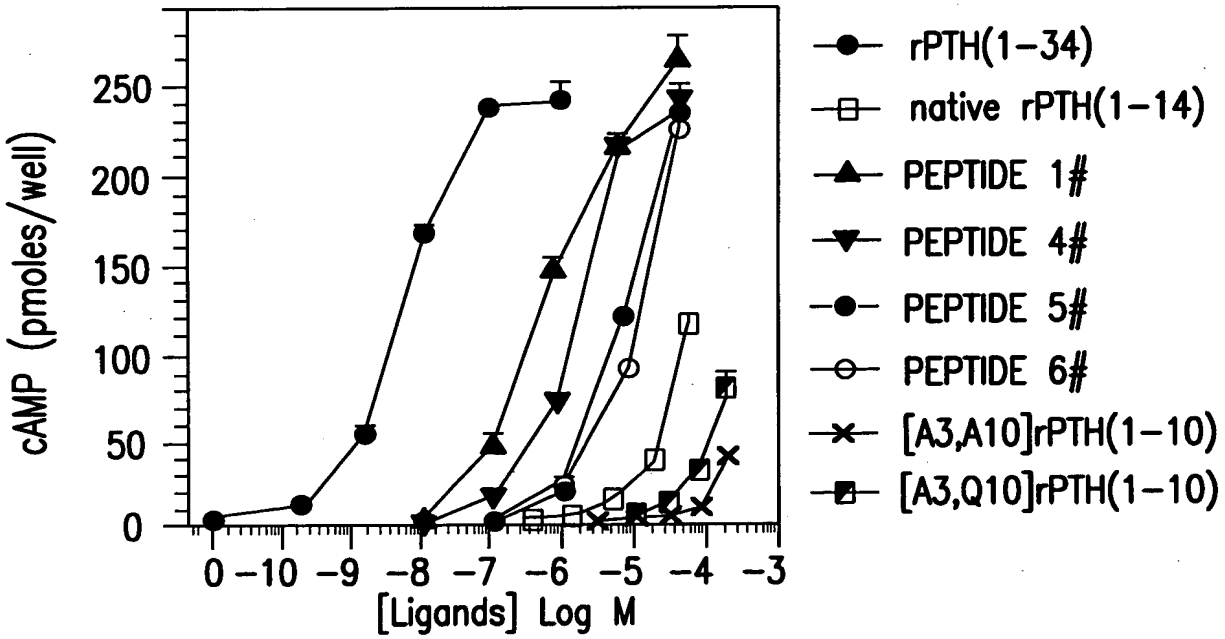


FIG.3

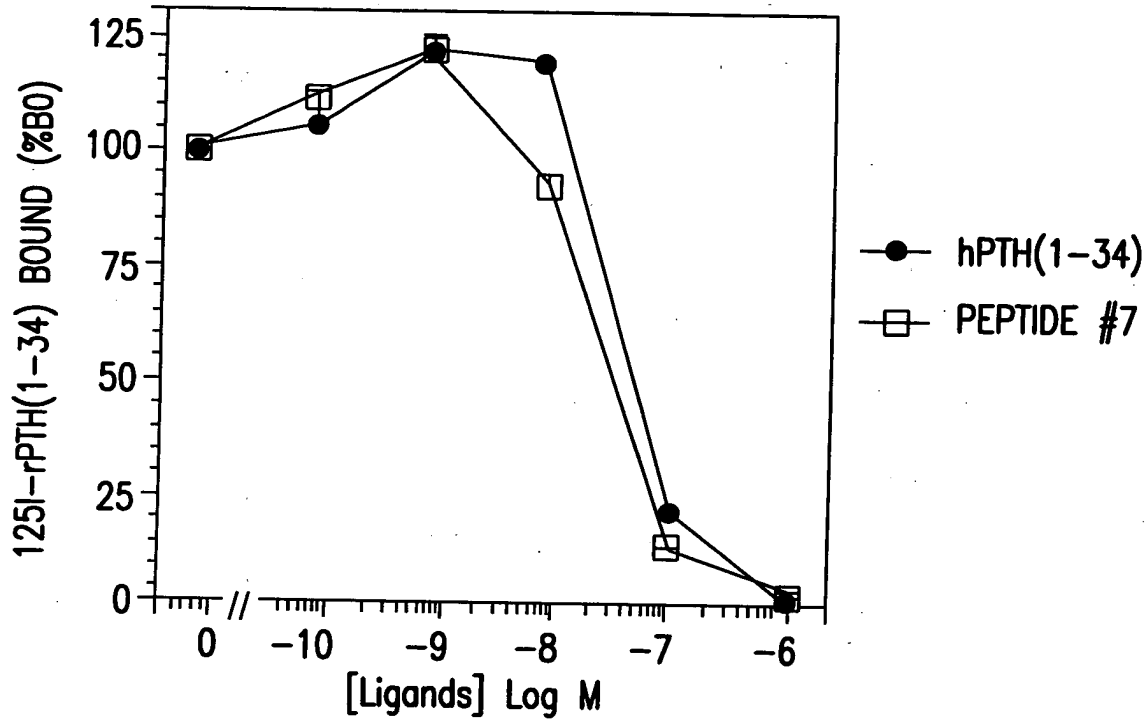


FIG.4

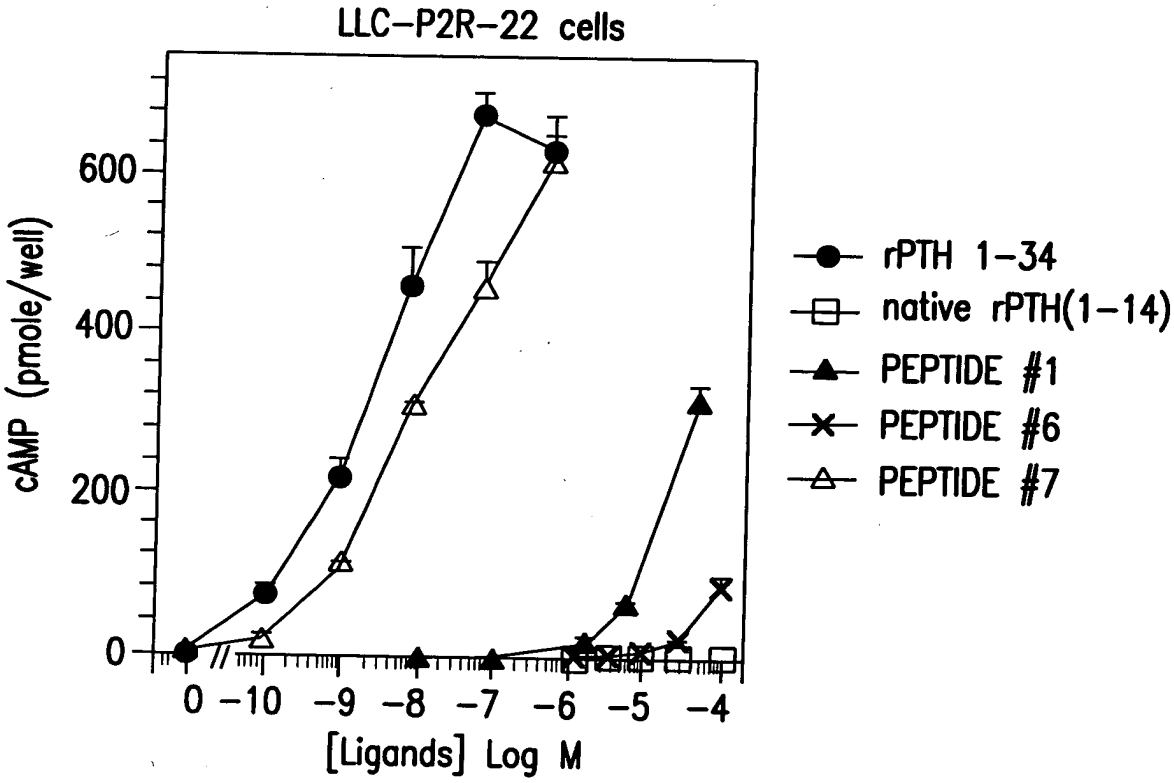


FIG.5

0056250 02202796

09672020 : 092900

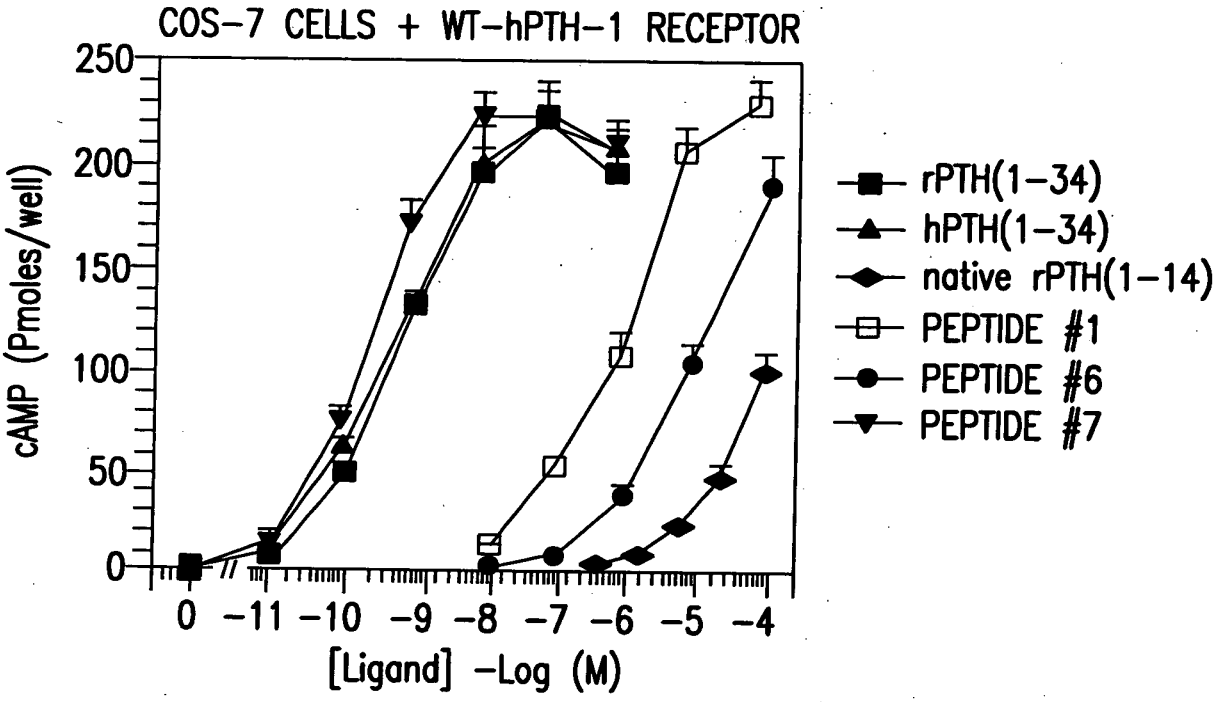


FIG.6A

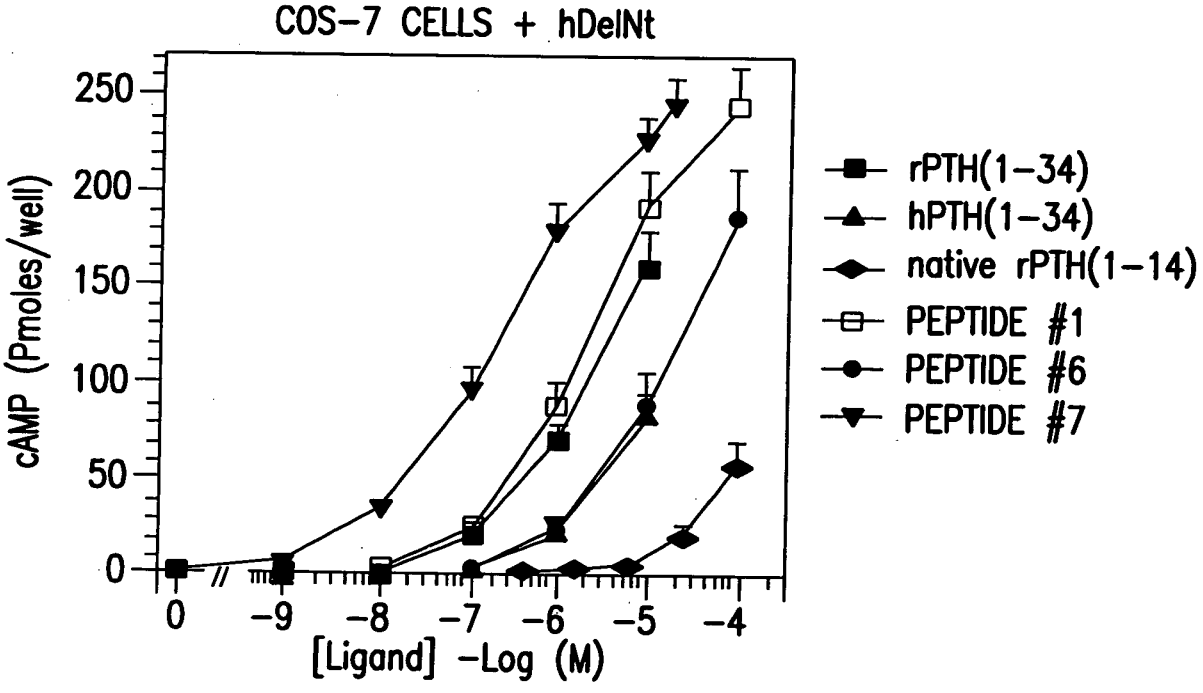


FIG.6B

0006260 "02/24/960

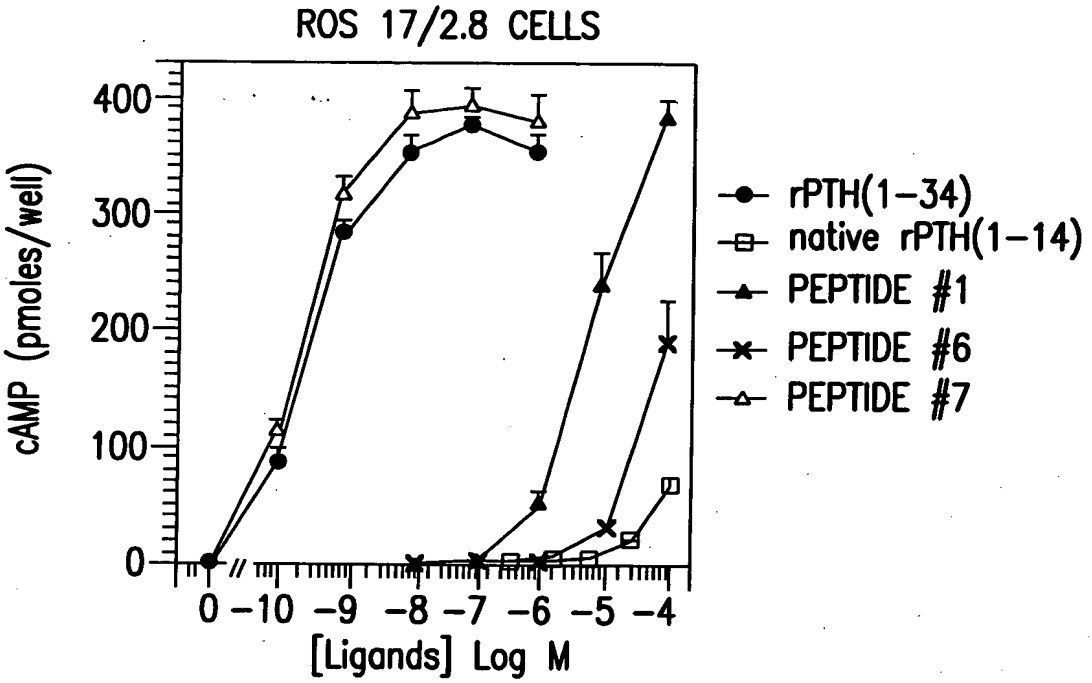


FIG.7A

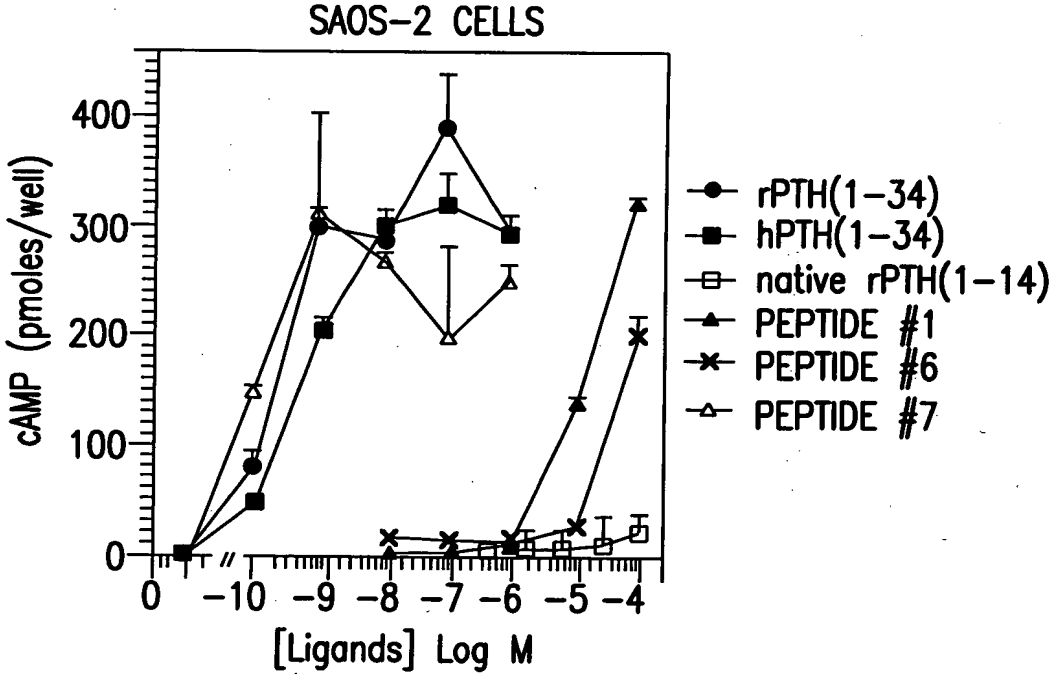
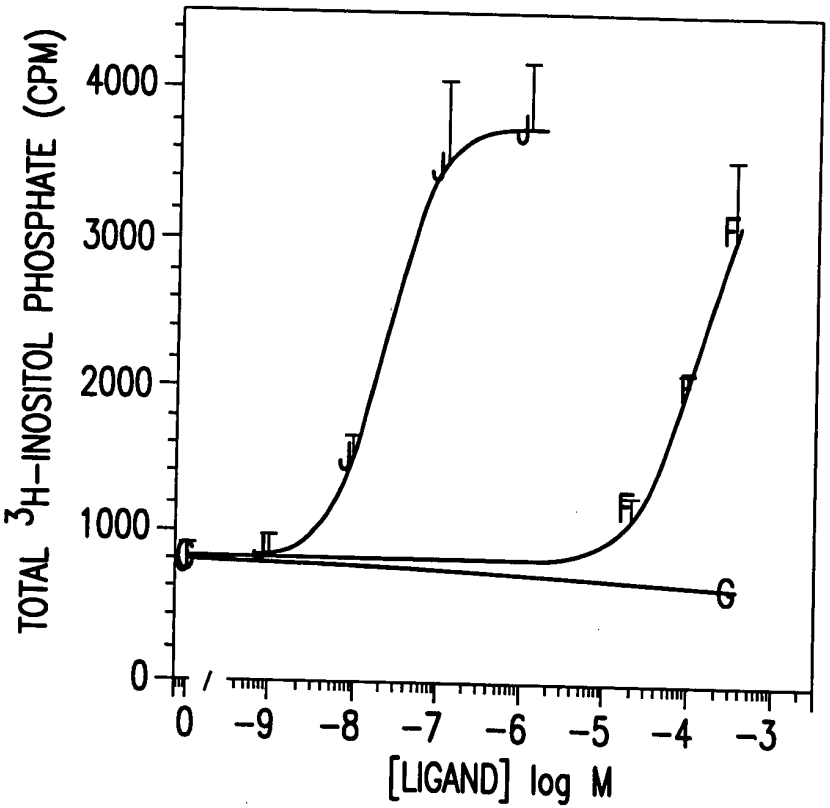


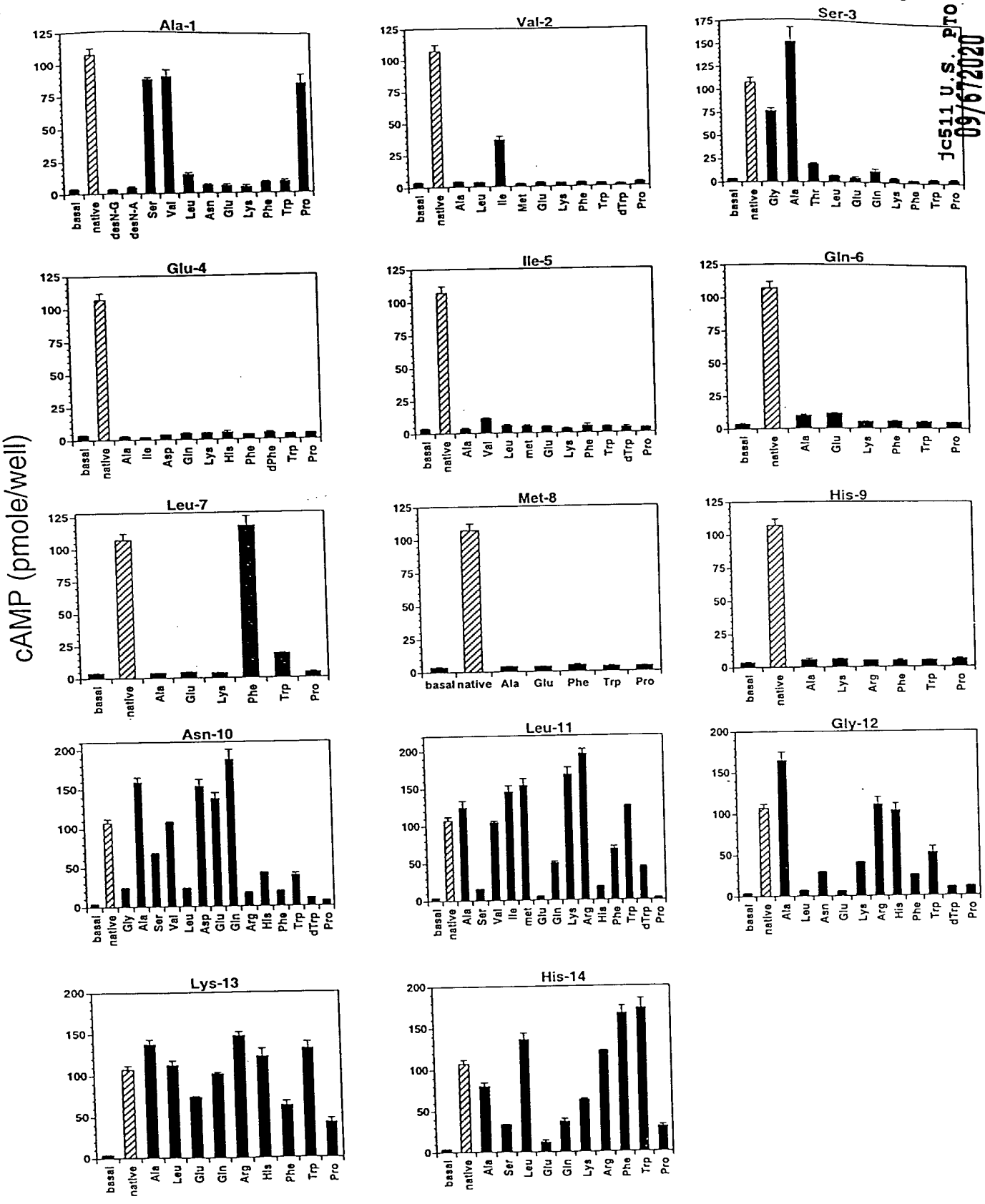
FIG.7B



J rPTH(1-34)
F [A3,10,12,R11,W14]PTHF(1-14)
~~G~~ rPTH(1-14)

FIG.8

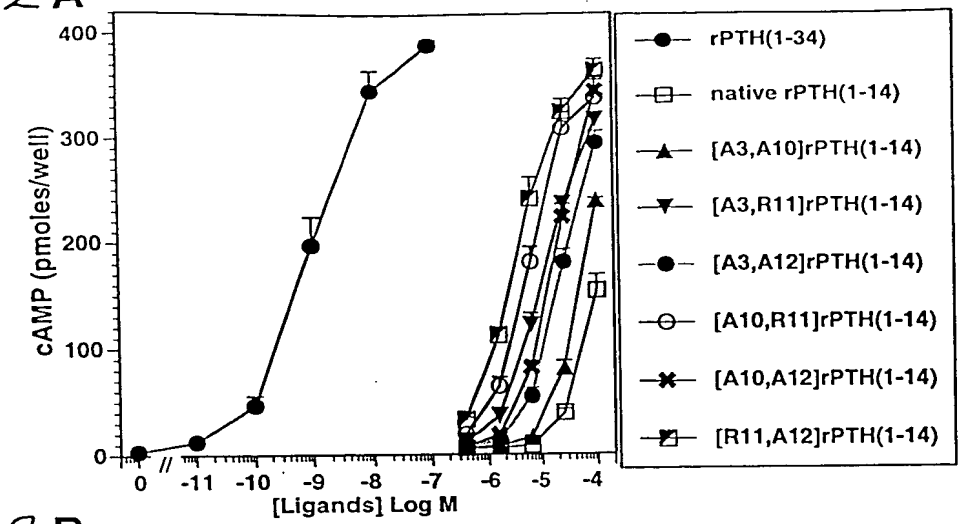
Figure 1



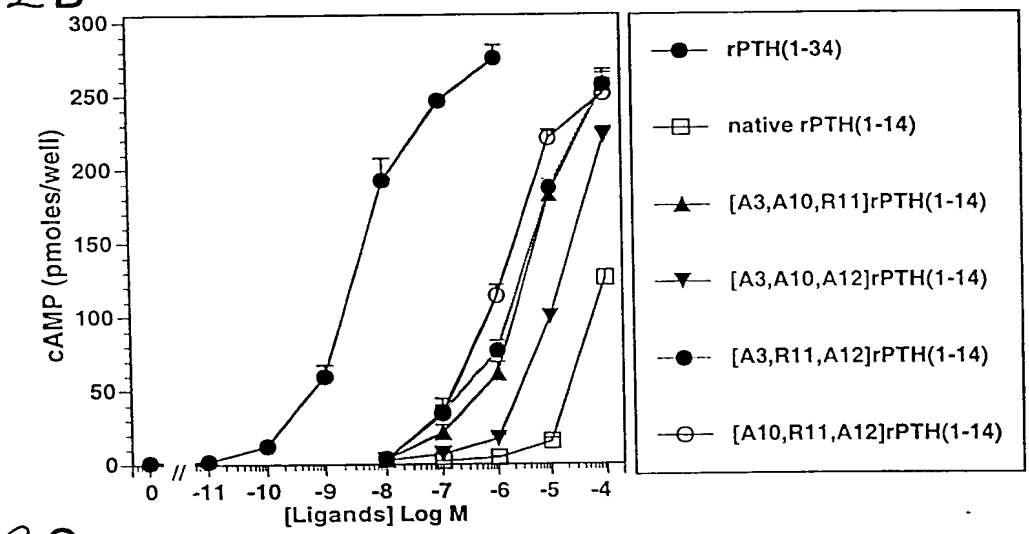
jc511 U.S. PTO
09/672020
09/29/00

Figure 2A-2C

2A



2B



2C

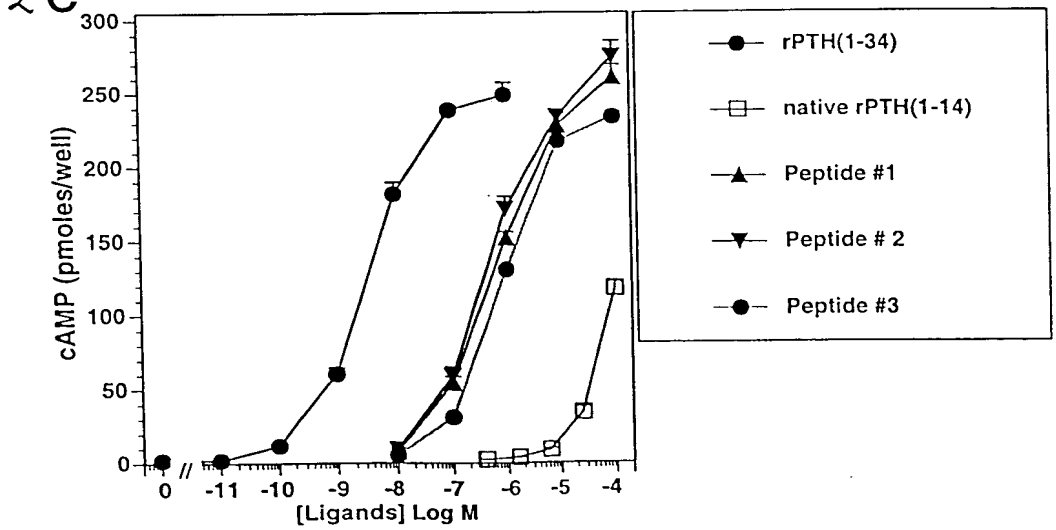


Figure 3

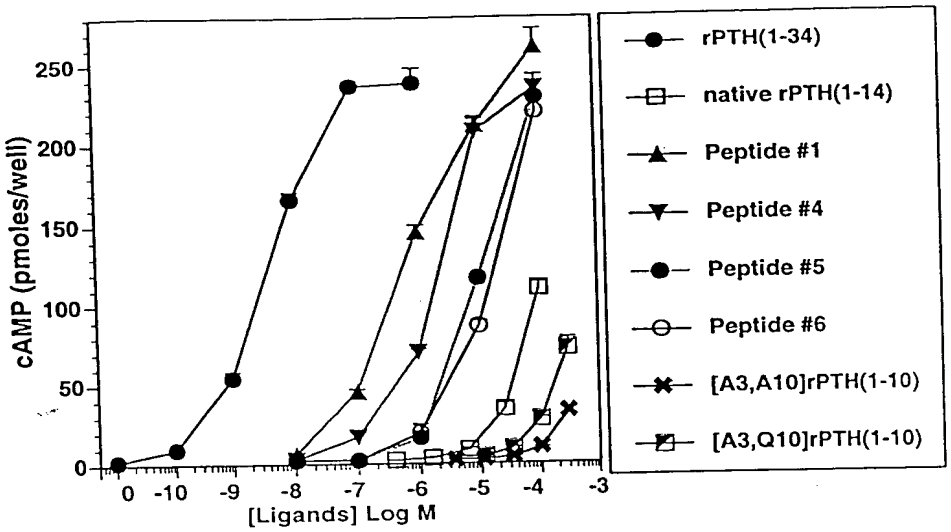

cAMP (pmoles/well)
250
200
150
100
50
0
0 -10 -9 -8 -7 -6 -5 -4 -3
[Ligands] Log M
rPTH(1-34)
native rPTH(1-14)
Peptide #1
Peptide #4
Peptide #5
Peptide #6
[A3,A10]rPTH(1-10)
[A3,Q10]rPTH(1-10)

Figure 4

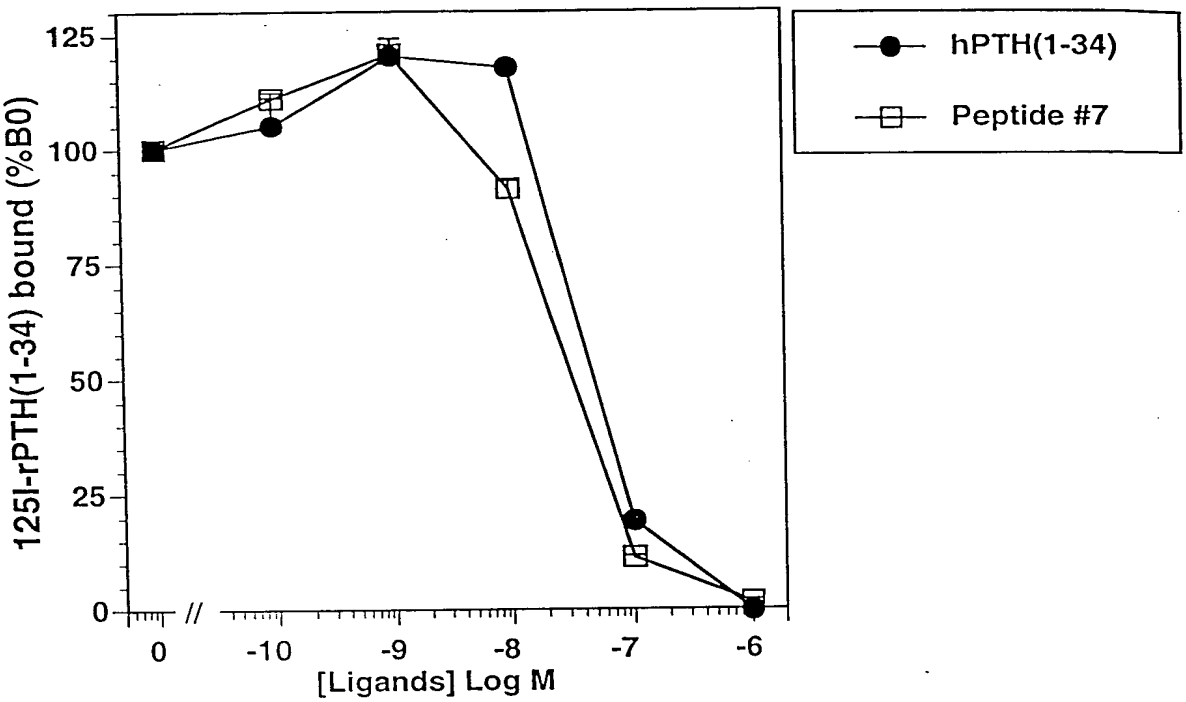
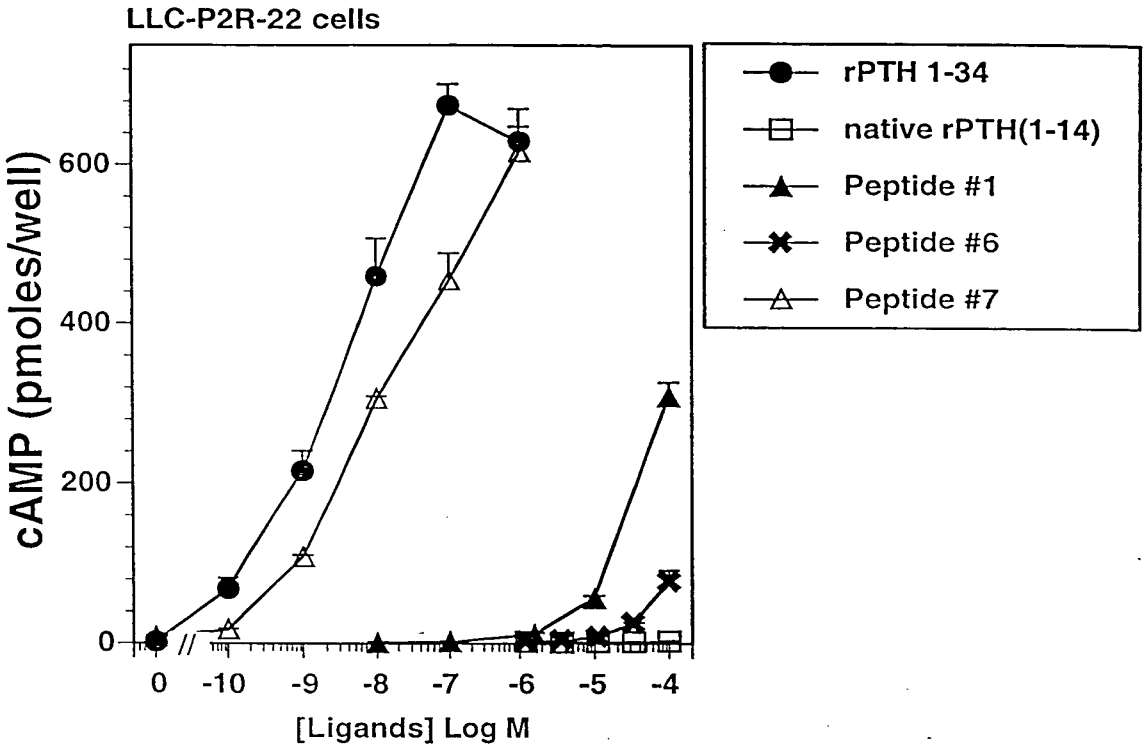
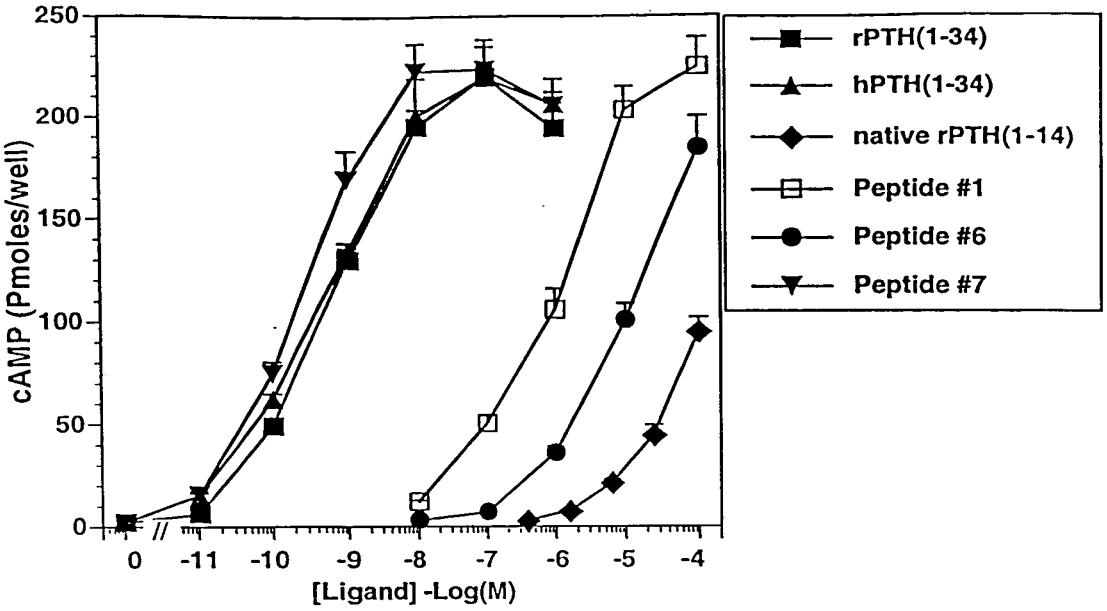

125
100
75
50
25
0
125I-rPTH(1-34) bound (%B0)
0
-10
-9
-8
-7
-6
[Ligands] Log M
hPTH(1-34)
Peptide #7

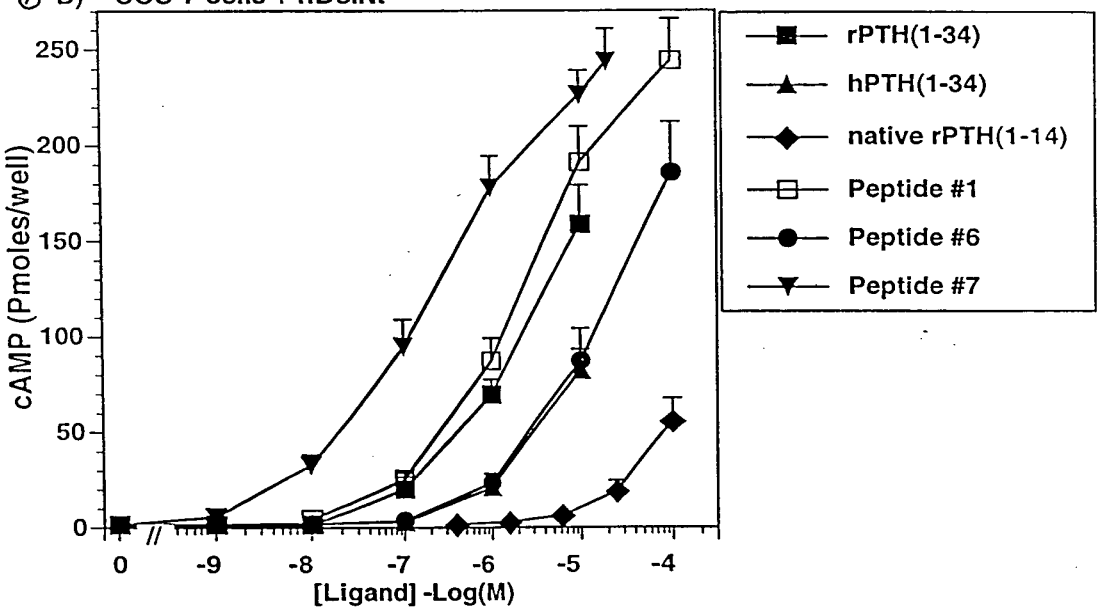
Figure 5


LLC-P2R-22 cells
cAMP (pmoles/well)
600
400
200
0
0
-10
-9
-8
-7
-6
-5
-4
[Ligands] Log M
rPTH 1-34
native rPTH(1-14)
Peptide #1
Peptide #6
Peptide #7

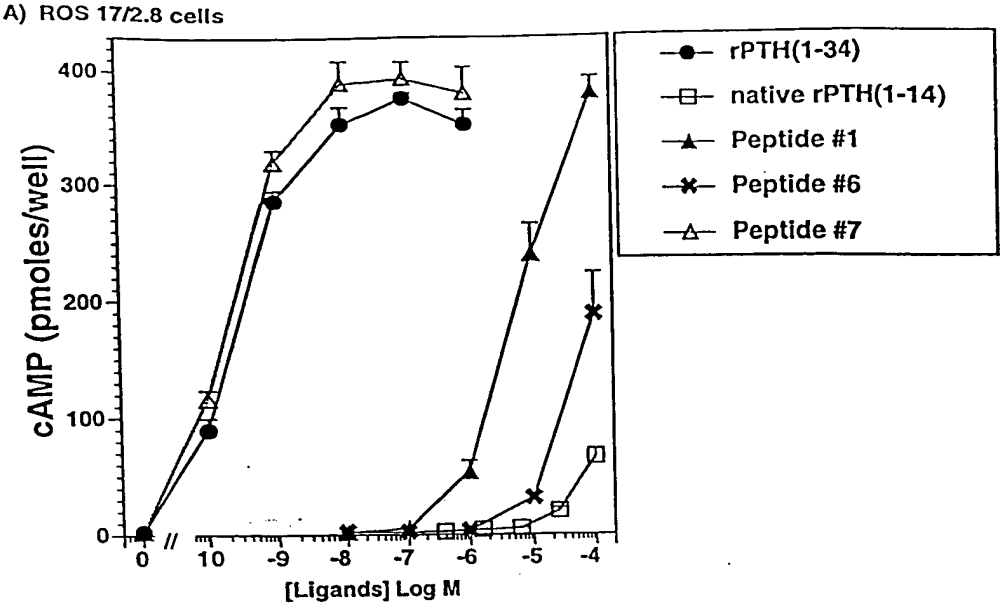
6A) COS-7 cells + WT-hPTH-1 receptor



6 B) COS-7 cells + hDelNt



7A) ROS 17/2.8 cells



7B SAOS-2 cells

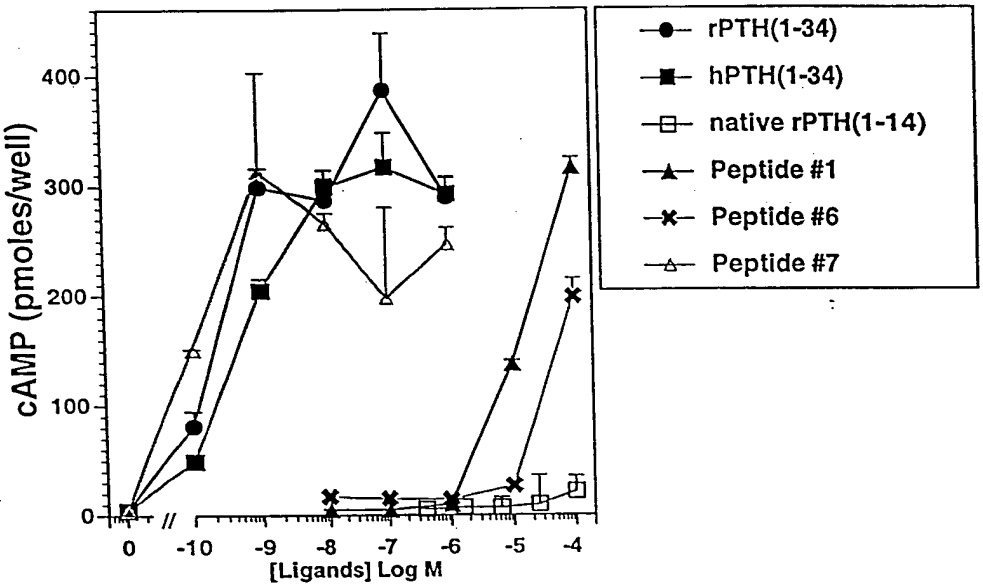
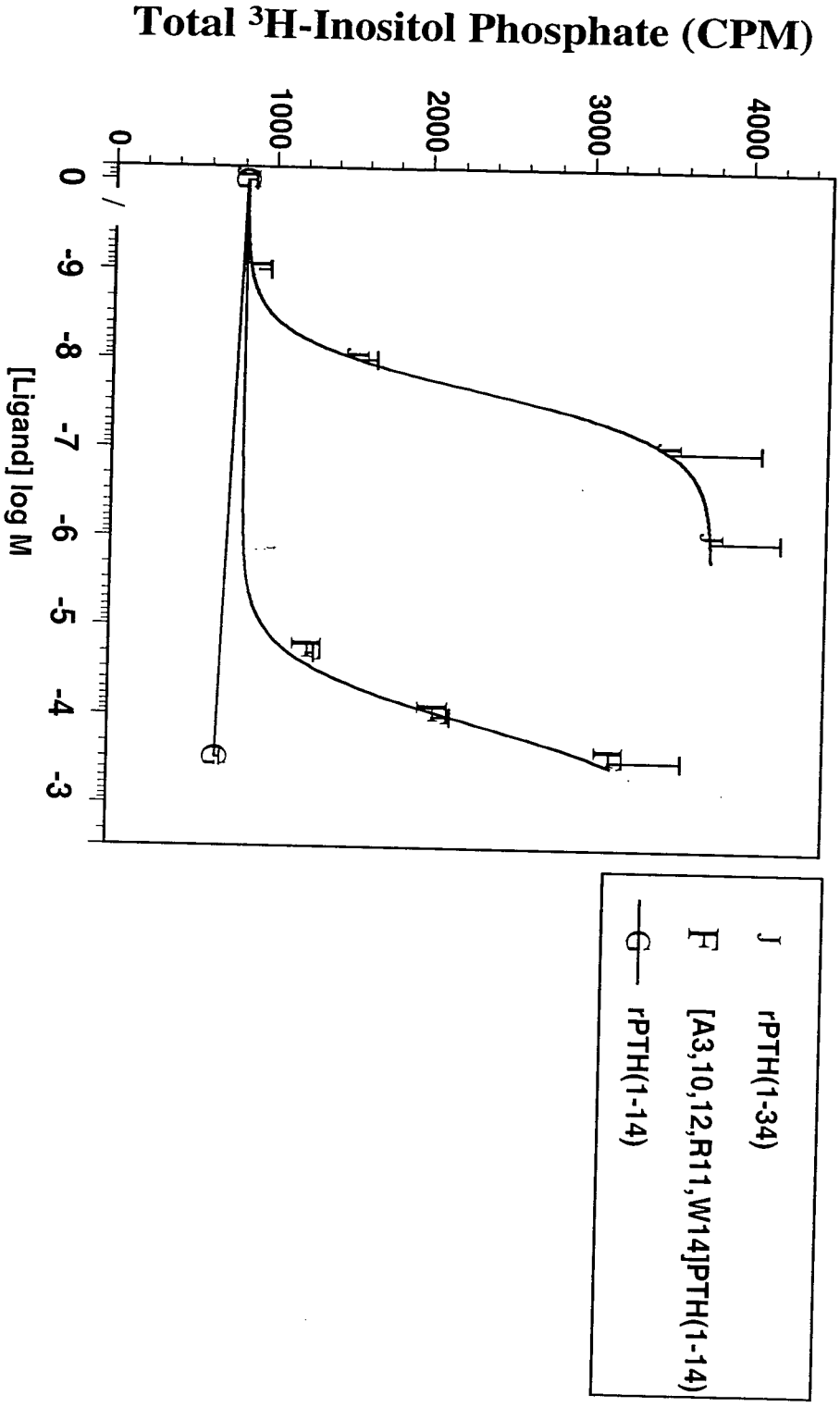


Figure 8


Total ³H-Inositol Phosphate (CPM)
0
1000
2000
3000
4000
0
-9
-8
-7
-6
-5
-4
-3
[Ligand] log M
J rPTH(1-34)
F [A3,10,12,R11,W14]PTH(1-14)
rPTH(1-14)